

RAW SEQUENCE LISTING

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Application Serial Number: 10/589,851
Source: 1FWQ
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/589,851

DATE: 01/22/2007

TIME: 13:08:38

Input Set : E:\MEWB 013 00US SeqList.txt
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5 <110> APPLICANT: Trowsdale, John
 6 Eagle, Robert
 7 Bacon, Louise
 11 <120> TITLE OF INVENTION: Protein Ligands for NKG2D and UL16 Receptors and Uses
 Thereof
 15 <130> FILE REFERENCE: MEWB-013/00US
 18 <140> CURRENT APPLICATION NUMBER: US 10/589,851
 20 <141> CURRENT FILING DATE: 2006-08-17
 23 <150> PRIOR APPLICATION NUMBER: PCT/GB2005/000572
 25 <151> PRIOR FILING DATE: 2005-02-17
 29 <150> PRIOR APPLICATION NUMBER: GB 0403491.4
 31 <151> PRIOR FILING DATE: 2004-02-17
 35 <160> NUMBER OF SEQ ID NOS: 16
 39 <170> SOFTWARE: PatentIn version 3.1
 43 <210> SEQ ID NO: 1
 45 <211> LENGTH: 333
 47 <212> TYPE: PRT
 49 <213> ORGANISM: Homo sapiens
 53 <400> SEQUENCE: 1
 55 Met Ala Ala Ala Ala Ser Pro Ala Phe Leu Arg Leu Pro Leu Leu Leu
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 59 Leu Leu Ser Ser Trp Cys Arg Thr Gly Leu Ala Asp Pro His Ser Leu
 60 20 25 30
 63 Cys Tyr Asp Ile Thr Val Ile Pro Lys Ile Arg Pro Gly Pro Arg Trp
 64 35 40 45
 67 Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr Asp
 68 50 55 60
 71 Cys Gly Ser Lys Arg Val Thr Pro Val Ser Pro Leu Gly Lys Lys Leu
 72 65 70 75 80
 75 Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu Val
 76 85 90 95
 79 Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn Tyr
 80 100 105 110
 83 Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu Gln
 84 115 120 125
 87 Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Pro Ser Phe Asp Gly
 88 130 135 140
 91 Gln Ile Phe Leu Leu Phe Asp Ser Gln Asn Arg Met Trp Thr Thr Thr
 92 145 150 155 160
 95 His Pro Gly Pro Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys Asp
 96 165 170 175
 99 Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly Trp
 100 180 185 190
 103 Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser Ala

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107 Gly Ala Pro Pro Thr Met Phe Ser Gly Thr Ala Gln Pro Arg Ala Thr
108      210      215      220
111 Ala Thr Thr Leu Ile Leu Cys Cys Leu Leu Ile Met Cys Leu Leu Ile
112 225      230      235      240
115 Cys Ser Arg His Ser Leu Thr Gln Ser His Gly His His Pro Gln Ser
116      245      250      255
119 Leu Gln Pro Pro His Pro Pro Leu Leu His Pro Thr Trp Leu Leu
120      260      265      270
123 Arg Arg Val Leu Trp Ser Asp Ser Tyr Gln Ile Ala Lys Arg Pro Leu
124      275      280      285
127 Ser Gly Gly His Val Thr Arg Val Thr Leu Pro Ile Ile Gly Asp Asp
128      290      295      300
131 Ser His Ser Leu Pro Cys Pro Leu Ala Leu Tyr Thr Ile Asn Asn Gly
132 305      310      315      320
135 Ala Ala Arg Tyr Ser Glu Pro Leu Gln Val Ser Ile Ser
136      325      330
139 <210> SEQ ID NO: 2
141 <211> LENGTH: 212
143 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
149 <400> SEQUENCE: 2
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155 Leu Leu Ser Ser Trp Cys Arg Thr Gly Leu Ala Asp Pro His Ser Leu
156      20      25      30
159 Cys Tyr Asp Ile Thr Val Ile Pro Lys Ile Arg Pro Gly Pro Arg Trp
160      35      40      45
163 Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr Asp
164      50      55      60
167 Cys Gly Ser Lys Arg Val Thr Pro Val Ser Pro Leu Gly Lys Lys Leu
168 65      70      75      80
171 Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu Val
172      85      90      95
175 Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn Tyr
176      100     105     110
179 Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu Gln
180      115     120     125
183 Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Pro Ser Phe Asp Gly
184      130     135     140
187 Gln Ile Phe Leu Leu Phe Asp Ser Gln Asn Arg Met Trp Thr Thr Thr
188 145      150     155     160
191 His Pro Gly Pro Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys Asp
192      165     170     175
195 Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly Trp
196      180     185     190
199 Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser Ala
200      195     200     205
203 Gly Gly Thr Val

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211	<212> TYPE: DNA	
213	<213> ORGANISM: Homo sapiens	
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220	actccccaaat ggcagcggcc gccagccccg cggttccctt acgcctcccg cttctgtctcc	120
222	tgttgtccagg ctgggtcagg accgggctgg ccgaccctca ctcttttgc tatgacatca	180
224	ccgtcatccc taagttcaga cctggaccac ggtgggtgc ggttcaaggc caggtggatg	240
226	aaaagacttt tcttcaactat gactgtggca gcaagacagt cacacccgtc agtcccctgg	300
228	ggaagaaaact aaatgtcaca acggcctgga aagcacagaa cccagtactg agagaggtgg	360
230	tggacatact tacagagcaa ctgcttgaca ttcaactgga gaattacata cccaaaggAAC	420
232	ccctcaccct gcaggccagg atgttctgtg agcagaaaAGC cgaaggacac ggcagtggat	480
234	cttggcagct cagttcgtt ggacagatct tccttctt tgactcaga aacagaatgt	540
236	ggacaacgggt tcatcctgga gccagaaaaa tgaaagaaaa gtgggagaat gacaaggata	600
238	tgaccatgtc cttccattac atctcaatgg gagactgcac aggatggctt gaggacttct	660
240	tgtatggcat ggacagcacc ctggagccaa gtgcaggagc accacccacc atgtcctcag	720
242	gcacagccca acccaggggcc acggccacca ccstcatcct ttgtgtgcctc ctcattatgt	780
244	gtctcctcat atgctccagg cacagtctga cccaaagcca tggccacccac ccttcgtcc	840
246	tgcagcctcc tcctcatcct cccctgttcc atcctacctg gctgtgaga agagtcctt	900
248	ggagtgcacag ctaccaaata gcaagcgcgc cttgtctgg tggacacgtg actcgcgtga	960
250	cttacctat cattggagac gactcacact cttaccctg ccctcttgcc ttgtatacaa	1020
252	taaataacgg cgccagg tattcggagc cactcaggac tccatatctt gatggttccc	1080
254	tggcccaAGC tgtctttct tccgtcaaaa aaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaa	1140
256	aaa	1143
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261	<211> LENGTH: 939	
263	<212> TYPE: DNA	
265	<213> ORGANISM: Homo sapiens	
269	<400> SEQUENCE: 4	
270	atggcagcgg ccgcacggccc cgcgttccctt ctacgcctcc cgcttctgtc cctgtgtcc	60
272	agctgggtca ggaccgggct ggccgaccct cactctttt gctatgacat caccgtcatc	120
274	cctaagttca gacctggacc acgggtgggt gcgggtcaag gccaggtgg tgaaaagact	180
276	tttcttcaact atgactgtgg cagcaagaca gtcacacccg tcagttccct gggaaagaaa	240
278	ctaaatgtca caacggcctg gaaagcacag aaccctgtac tgagagaggt ggtggacata	300
280	cttacagac aactgttga cattcagctg gagaattaca taccacagg accacccacc	360
282	ctgcaggccca ggatgtcttg tgagcagaaaa gccgaaggac acggcagtgg atcttggcag	420
284	ctcagttcg atggacagat cttccctccct tttgacttag aaaacagaat gtggacaacg	480
286	gttcatcctg gagccagaaaa gatgaaagaa aagtgggaga atgacaagga tatgaccatg	540
288	tccctccatt acatctcaat gggagactgc acaggatggc ttgaggactt cttgtggc	600
290	atggacacca ccctggagcc aagtgcagga ggcacagtct gacccaaAGC catggccacc	660
292	accctcagtc cctgcagcct ctcctcatc ctccctgtc tcatttcacc tggctgtga	720
294	ggagagtcct ttggagtgac agtacccaa tagcgaagcg ccccttgcgt ggtggacacg	780
296	tgactcgcgt gacttacccatcattggag acgactcaca ctccttaccc tggcccttgc	840
298	cttgtataac aataaataac ggccgcagccaa ggtattcggaa gccactacag gtctccat	900
300	cttgatgggtt ccctggggcc agctgtctt tcttcgtc	939
303	<210> SEQ ID NO: 5	
305	<211> LENGTH: 246	

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307 <212> TYPE: PRT
 309 <213> ORGANISM: Homo sapiens
 313 <400> SEQUENCE: 5
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 319 Leu Leu Leu Ser Gly Trp Ser Arg Ala Gly Arg Ala Asp Pro His Ser
 320 20 25 30
 323 Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg
 324 35 40 45
 327 Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr
 328 50 55 60
 331 Asp Cys Gly Asn Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys
 332 65 70 75 80
 335 Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu
 336 85 90 95
 339 Val Val Asp Ile Leu Thr Glu Gln Leu Arg Asp Ile Gln Leu Glu Asn
 340 100 105 110
 343 Tyr Thr Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu
 344 115 120 125
 347 Gln Lys Ala Glu Gly His Ser Ser Gly Ser Trp Gln Phe Ser Phe Asp
 348 130 135 140
 351 Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Lys Arg Met Trp Thr Thr
 352 145 150 155 160
 355 Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
 356 165 170 175
 359 Val Val Ala Met Ser Phe His Tyr Phe Ser Met Gly Asp Cys Ile Gly
 360 180 185 190
 363 Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
 364 195 200 205
 367 Ala Gly Ala Pro Leu Ala Met Ser Ser Gly Thr Thr Gln Leu Arg Ala
 368 210 215 220
 371 Thr Ala Thr Thr Leu Ile Leu Cys Cys Leu Leu Ile Ile Leu Pro Cys
 372 225 230 235 240
 375 Phe Ile Leu Pro Gly Ile
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 379 <210> SEQ ID NO: 6
 381 <211> LENGTH: 263
 383 <212> TYPE: PRT
 385 <213> ORGANISM: Homo sapiens
 389 <400> SEQUENCE: 6
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 395 Leu Leu Leu Leu Ile Ala Leu Glu Ile Met Val Gly Gly His Ser
 396 20 25 30
 399 Leu Cys Phe Asn Phe Thr Ile Lys Ser Leu Ser Arg Pro Gly Gln Pro
 400 35 40 45
 403 Trp Cys Glu Ala Gln Val Phe Leu Asn Lys Asn Leu Phe Leu Gln Tyr
 404 50 55 60
 407 Asn Ser Asp Asn Asn Met Val Lys Pro Leu Gly Leu Leu Gly Lys Lys

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408	65	70	75	80
411	Val Asn Ala Thr Ser Thr Trp Gly Glu Leu Thr Gln Thr Leu Gly Glu			
412	85	90	95	
415	Val Gly Arg Asp Leu Arg Met Leu Leu Cys Asp Ile Lys Pro Gln Ile			
416	100	105	110	
419	Lys Thr Ser Asp Pro Ser Thr Leu Gln Val Glu Met Phe Cys Gln His			
420	115	120	125	
423	Glu Ala Glu Arg Cys Thr Gly Ala Ser Trp Gln Phe Thr Ile Asn Gly			
424	130	135	140	
427	Glu Lys Ser Leu Leu Phe Asp Ala Met Asn Met Thr Trp Thr Val Ile			
428	145	150	155	160
431	Asn His Glu Ala Ser Lys Ile Lys Glu Thr Trp Lys Lys Asp Arg Gly			
432	165	170	175	
435	Leu Glu Lys Tyr Phe Arg Lys Leu Ser Lys Gly Asp Cys Asp His Trp			
436	180	185	190	
439	Leu Arg Glu Phe Leu Gly His Trp Glu Ala Met Pro Glu Pro Thr Val			
440	195	200	205	
443	Ser Pro Val Asn Ala Ser Asp Ile His Trp Ser Ser Ser Leu Pro			
444	210	215	220	
447	Asp Arg Trp Ile Ile Leu Gly Ala Phe Ile Leu Leu Val Leu Met Gly			
448	225	230	235	240
451	Ile Val Leu Ile Cys Val Trp Trp Gln Asn Gly Glu Trp Gln Ala Gly			
452	245	250	255	
455	Leu Trp Pro Leu Arg Thr Ser			
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461	<211> LENGTH: 244			
463	<212> TYPE: PRT			
465	<213> ORGANISM: Homo sapiens			
469	<400> SEQUENCE: 7			
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475	Pro Tyr Leu Leu Phe Asp Trp Ser Gly Thr Gly Arg Ala Asp Ala His			
476	20	25	30	
479	Ser Leu Trp Tyr Asn Phe Thr Ile Ile His Leu Pro Arg His Gly Gln			
480	35	40	45	
483	Gln Trp Cys Glu Val Gln Ser Gln Val Asp Gln Lys Asn Phe Leu Ser			
484	50	55	60	
487	Tyr Asp Cys Gly Ser Asp Lys Val Leu Ser Met Gly His Leu Glu Glu			
488	65	70	75	80
491	Gln Leu Tyr Ala Thr Asp Ala Trp Gly Lys Gln Leu Glu Met Leu Arg			
492	85	90	95	
495	Glu Val Gly Gln Arg Leu Arg Leu Glu Leu Ala Asp Thr Glu Leu Glu			
496	100	105	110	
499	Asp Phe Thr Pro Ser Gly Pro Leu Thr Leu Gln Val Arg Met Ser Cys			
500	115	120	125	
503	Glu Cys Glu Ala Asp Gly Tyr Ile Arg Gly Ser Trp Gln Phe Ser Phe			
504	130	135	140	
507	Asp Gly Arg Lys Phe Leu Leu Phe Asp Ser Asn Asn Arg Lys Trp Thr			

VERIFICATION SUMMARY

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